						• •
1. PRODUCT NAME: M-2205 Sanitizer-Cleaner	2.	EPA REG.NO/FILE SYMBOL 47371-26		XEMPTION SELECTED	4. PAGE	l of 4
5. APPLICANT'S NAME AND ADDRESS	6.	APPLICATION FOR	YES	.NO • X		
H&S Chemicals Division 970 East Tipton Street	-	REGISTRATION DATED 10 /06 /83	7. NAME OF ACTION (ethyleneoxy	IVE INGREDIENT(S): Post of the control of the contr	Nonylpheno	oxy poly
Huntington, IN 46750		Mo. Day Yr.	Hydrophilic	poly (oxyethylene) le) iodine complex		ic poly

	REQUIREMENTS	9.		F DATA SATIS					ID	NUME		
8a. Regulation		9a. Submitted	3	9c. Submitted	9d. Permission		9f. N.A. or	NU	MBE		R OT	THER
Part 158/ Guideline Number	Name of Test	by , Applicant		by another person/firm (name)	Letter Enclosed	Litera- ture	Waiver or other (Explain)	NU	A I MBE		CIFY	łing
§158.20	PRODUCT CHEMISTRY											
61-1	Identity of ingredients	х	10-6-83									
61-2	Statement of composition	Х	10-6-83									<u> </u>
61-3	Discussion of formation of ingredients	х	10-6-83									
62-1	Preliminary analysis						х					
62-2	Certification of limits	х	10-6-83				•					
62-3	Analytical methods for enforcement limits	х	10-6-83									
63-2	Color	х	10-6-83									
63-3	Physical state	х	10-6-83									
63-4	Odor	Х	10-6-83			·				\prod		
63-5	Melting point						X.					
63-6	Boiling point	Х	10-6-83									
63-7	Density, bulk-density, or specific gravity	х	10-6-83									

DATA REQUIREMENT I TING FOR THE OWNER SUBMISSION METHOD OF SUPPORT

									;	•	•		
PRODUCT NAM	- 1	2.	EPA REG.NC 473	O/FILE SYME 71-26	FORMULA	TOR'S EXEMPT	ION SELE NO X	CTED P.	AGE	2	0	ȣ	4
√		6.	APPLICATION REGISTRATION 10 / 06	ON DATED	7. NAME (ethyler	7. NAME OF ACTIVE INGREDIENT(S): Nonytehenexypoly (ethyleneoxy) ethanol-iodine complex							
Huntingto	on, IN 46750	 -	Mo. Day		Hydroph: lene) i	llic (oxyethy odine complex	vlene) hy	drophobic	pol	- y	(оху	pr	ору-
	REQUIREMENTS		9.	SOURCE OF	F DATA SATIS	FYING REQUIR	EMENT		10 MR		NUM	BE:	R,
8a. Regulation Part 158/ Guideline Number	Name of Test Continued		9a. Submitted by Applicant	· ·	9c. Submitted by another person/firm (name)	9d. Permission Letter Enclosed	9e. Public Litera- ture	9f. N.A. or Waiver or other (Explain)	NU EP NU	MBE	DEN	R (OTHER
§158.20	PRODUCT CHEMISTRY (Continu	ied						-					
63-8	Solubility		х	10-6-83									
63-9	Vapor pressure							х				1	
63-10	Dissociation constant					, '		Х					-
63-11	Octanol/water partition coefficient					-		Х					
63-12	pH · ·		x	10-6-83								1	
63-13	Stability		Х	10-6-83		. !						1	
63-14	Oxidizing/reducing reaction	on						х			Ш	1	
63-15	Flammability		х	10-6-83									
63-16	Explodability	-						X		1.		1	
63-17	Storage stability		х	10-6-83		<u> </u>				1			
63–18	Viscosity		х	10-6-83		1							
63-19	Miscibility							х					

DATA REQUIREMENT STING FOR THE OWNER SUBMISSION STIHOD OF SUPPORT

1.	2.	EPA REG.NO TILE SYMBOL	13.
PRODUCT NAME: M-2205 Sanitizer-Cleaner	•	47371-26	FORMULATOR'S EXEMPTION SELECTED PAGE 3 of 4
5.	 		YESNO_X
APPLICANT'S NAME AND ADDRESS	6.	APPLICATION FOR	
. H&S Chemicals Division	ł	REGISTRATION DATED	7. NAME OF ACTIVE INGREDIENT(S): Nonytphenoxypoly (ethyleneoxy) ethanol-iodine complex
970 East Tipton Street	1	10/06/83	
Huntington, IN 46750.		Mo. Day Yr.	Hydrophilic (oxyethylene) hydrophobic poly (oxypropy-
			lene) iodine complex

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	REQUIREMENTS	9.		F DATA SATISI				MR	(ID	NUM	BEF	₹,	
8a.	8b.	9a.	9b.	9c.	9d.	9e.	9f.	EP	ΑA	ACCE	JSS!	1001	- 1
Regulation	_	Submitted	1	Submitted	1	Public	N.A. or					HTC	
Part 158/	Name of Test Continued	by	Submitted	by another	Letter	Litera-	Waiver or	EP	ΑI	DEN.	mil	TYE	VG j
Guideline	•	Applicant	,	person/firm	Enclosed	ture	other	NU	MBE	R			
Number	٠			(name)			(Explain)						
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1]									
§158.20	PRODUCT CHEMISTRY (continued					<u> </u>			\bot	11	\perp		<u> </u>
63-20	. Corrosion characteristics	x	10-6-83										
63-21	Dielectric breakdown voltage						х						
-		_							•				
	M-2205 20% Iodine Concentrate									\prod			
§158.135	TOXICOLOGYEPA Reg. No. 47371-	ВО						Ш			\perp		
			1-10-83	Huntington Laboratories	x				- 1		-		
81-1	Acute oral LD-50, rat		1	ì	X			\sqcup		44	\bot	\bot	L.i
			i .	Huntington				11	1	11	1		11
81-2	Acute dermal LD-50			Laboratories	Х	<u> </u>				4-4			!
			1	Huntington			Ì						
81-3	Acute inhalation LC-50, rat		10-6-83	Laboratories	X			+		+			┾╢
01.4	Primary eye irritation,		1-10-83	Huntington Laboratories	X			$ \cdot $		11			
81-4	rabbit			Huntington	<u> </u>	} -		\vdash		+-1	-		 -
81-5	Primary dearmal irritation		1-10-83	Laboratories	X				\perp		\perp		
81-6	Dermal sensitization												
						1		\prod	\Box		T	T	\Box
	EFFICACY					<u> </u>		\sqcup		44	4	\bot	\perp
·	M-2205 Sanitizer-Cleaner EPA Reg. No. 47371-26								\perp			1	

DATA REQUIREMENT STING FOR THE OWNER SUBMISSION SETHOD OF SUPPORT

PRODUCT NAME: M-2205 Sanitizer-Cleane	2.	EPA REG.NO/FILE SYMBOL 47371-26	FORMULATOR'S EXEMPTION SELEC	TED PAGE 4 of 4							
APPLICANT'S NAME AND ADDRESS H&S Chemicals Division 970 East Tipton Street Huntington, IN 46750	6.	APPLICATION FOR REGISTRATION DATED 10 / 06/ 83 Mo. Day Yr.	7. NAME OF ACTIVE INGREDIENT (ethyleneoxy) ethanol-iodine Hydrophilic (oxyethylene) hy lene) iodine complex	complex							
	:	i		110							

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	REQUIREMENTS	9.		F DATA SATISI		EMENT		MR	ΙD	NU	MBE	iR,	1
8a.	8b.	9a.	9b.	9c.	9d.	9e.	9f.					NOI	
Regulation	1	Submitted		Submitted	Permission	1	N.A. or					OTHI	
Part 158/	Name of Test	by,		by another	Letter	Litera-	1					FYI	NG
Guideline		Applicant		person/firm)	ture	other		MBE	:R	1 1		1
Number				(name)			(Explain)						
91-2	AOAC Chlorine Equivalency Staphylococcus aureus		9-17-80	Huntington Laboratories	X								
91-2	AOAC Chlorine Equivalency Staphylococcus aureus		9-17-80	Huntington Laboratories	· .X								
91-2	AOAC Chlorine Equivalency Staphylococcus aureus		9-17-80	Huntington Laboratories	Х								
91-2	AOAC Chlorine Equivalency Salmonella typhi		9-17-80	Huntington Laboratories	X					. .			
91-2	AOAC Chlorine Equivalency Salmonella typhi		9-17-80	Huntington Laboratories	Х								
91-2	AOAC Chlorine Equivalency Salmonella typhi		9-17-80	Huntington Laboratories	Х								
	<u>.</u>												
				·									
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EXPLANATIONS FOR MATRIX (Item No. 9f.)

- 62-1 Preliminary analysis: is not integrated formulation system
- 63-5 Melting point: product is a liquid at room temperature, not a solid
- Vapor pressure: The purpose of this test is to establish the potential hazard of the technical material to workers via the vapor pressure test requirement. We feel that test is a duplicate effort in that the inhalation ${\rm IC}_{50}$ test submitted for this particular technical material is conclusive and should provide the necessary information in determining the potential hazard to the worker.
- 63-10 Dissociation constant: This test cannot be completed at this time, due to insufficient information provided. It is mentioned in the proposed guidelines in November 24, 1982 and Subpart D.

 However, to the best of our knowledge, no definition(s) are provided in Subpart D and proposed guideline (November 24, 1982); nor procedures are provided on how to obtain the OECD Guidelines. National Technical Information Service and EPA have been contacted, but no one could provide the information to us.
- 63-11 Octanol/water partition coefficient: This test cannot be completed at this time, due to insufficient information provided. It is mentioned in the proposed guidelines in November 24, 1982 and Subpart D. However, to the best of our knowledge, no definition(s) are provided in Subpart D and proposed guideline (November 24, 1982); nor procedures are provided on how to obtain the OECD Guidelines. National Technical Information Service and EPA have been contacted, but no one could provide the information to us.
- 63-14 Oxidizing or reducing action: does not contain an oxidizing or reducing agent
- 63-16 Explodability: product has not been known to be explosive
- 63-19 Miscibility: all ingredients are water soluble
- 63-21 Dielectric breakdown voltage: product is not recommended for use around electrical equipment